IN THE CLAIMS:

1-86. (Cancelled)

87. (New) A recording method for recording a first digital stream and first playlist information on a recording medium having a package area, wherein

the package area is specified by a predetermined file path,

the predetermined file path contains disc identification information,

the disc identification information indicates, to a playback apparatus, a read-only optical disc to be used in combination with the package area by the playback apparatus to generate a virtual package,

the first playlist information identifies, by showing correspondence between files in the package area and files on the optical disc, a second digital stream that is recorded on the optical disk and to be played back in synchronization with the first digital stream,

the first playlist information includes information defining a playback path comprising a playback section of the first digital stream and a playback section of the second digital stream, and

the first playlist information is used in place of second playlist information recorded on the optical disc, by the playback apparatus to generate the virtual package.

88. (New) The recording method according to Claim 87, wherein

the virtual package is generated by reading information indicating a file layout of the optical disc to memory of the playback apparatus and performing file replacement and/or file addition to the file layout,

the file replacement is to replace a file included in the file layout with a corresponding file that is (i) contained in the package area and (ii) accessed by a same file name as that used to access the corresponding file included in the file layout,

the file addition is to add, to the file layout of the optical disc, a file that is (i) contained in the package area and (ii) accessed by a file name different from any file name included in the file layout; and

the first digital stream, the second digital stream, the first playlist information, the second playlist information are each contained in a file recorded in the package area, and the files containing the first digital stream and the first playlist information are each accessed by a file path containing a file name not included in the file layout of the optical disc.

89. (New) The recording method according to Claim 88, wherein

the playback path information included in the first playlist information indicating a starting point and an ending point of the playback section in the first digital stream in correspondence with a starting point and an ending point of the playback section in the second digital stream.

90. (New) The recording method according to Claim 89, wherein

the package area includes a program recorded therein, and

the program shows a procedure for playback control using the second playlist information recorded on the optical disc or the first playlist information recorded in the package area.

91. (New) The recording method according to Claim 87, wherein

the playback path information included in the first playlist information indicating a starting point and an ending point of the playback section in the first digital stream in correspondence with a starting point and an ending point of the playback section in the second digital stream.

92. (New) The recording method according to Claim 87, wherein

the second digital stream includes video data and audio data and

the first digital stream includes audio data.

93. (New) The recording method according to Claim 87, wherein

the second digital stream includes video data and sub-image data, and the first digital stream includes sub-image data.

94. The recording method according to Claim 88, wherein

the second digital stream includes video data and audio data and

the first digital stream includes audio data.

95. (New) The recording method according to Claim 88, wherein

the second digital stream includes video data and sub-image data, and the first digital stream includes sub-image data.

96. (New) A playback apparatus for playback of a first digital stream and a second digital stream in synchronization, the playback apparatus comprising:

a mounting unit operable to mount an optical disc to the playback apparatus;

a secondary recording medium that is used in combination with the optical disc;

a generating unit operable to generate a package area on the secondary recording medium in such a manner that the package area is specified by a file path containing disc identification information that identifies the mounted optical disc;

a downloading unit operable to download, from a network server into the package area, an update kit used to upgrade the optical disc;

a reading unit; and

a playback unit, wherein

the first digital stream is recorded in the optical disc with first playlist information,

the update kit includes the second digital stream and second playlist information,

the second playlist information (i) shows correspondence between a file containing the first digital stream on the optical disc and a file containing the second digital stream in the package area, and (ii) includes information defining a playback path comprising a playback section of the first digital stream and a playback section of the second digital stream,

the second playlist information is used, in place of the first playlist information, to create a virtual package,

the reading unit is operable to read, based on the second playlist information included in the update kit, the first digital stream from the optical disc and the second digital stream from the package area, and

the playback unit is operable to execute, with reference to a time stamp attacked to data contained in the first digital stream and a time stamp attached to data contained in the second digital stream, playback of the respective pieces of data in synchronization.

97. (New) The playback apparatus according to Claim 96, wherein

the upgrading of the optical disc is to perform file replacement and/or file addition to the file layout of the optical disc,

the file replacement is to replace a file included in the file layout with a corresponding file that is (i) contained in the package area and (ii) accessed by a same file name as that used to access the corresponding file included in the rite layout, and

the file addition is to add, to the file layout of the optical disc, a file that is (i) contained in the package area and (ii) accessed by a file name different from any file name included in the file layout.

98. (New) The playback apparatus according to Claim 97, wherein

the second playlist information shows (i) correspondence between files in the package area and files on the optical disc and (ii) a stream identifier identifying one of elementary streams multiplexed into the second digital stream,

the playback unit includes:

a first demultiplexer operable to demultiplex a part of the first digital stream to obtain a video stream; and

a second demultiplexer operable to demultiplex a part of the second digital stream read by the reading unit to separate the elementary stream identified by the stream identifier shown by the second playlist information,

the synchronous playback by the playback unit is performed with reference to a time stamp attached to data included in the video stream and a time stamp attached to data included in the elementary stream separated from the second digital stream.

99. (New) The playback apparatus according to Claim 96, wherein

the second playlist information shows (i) correspondence between files in the package area and files on the optical disc and (ii) a stream identifier identifying one of elementary streams multiplexed into the second digital stream,

the playback unit includes:

a first demultiplexer operable to demultiplex a part of the first digital stream to obtain a video stream; and

a second demultiplexer operable to demultiplex a part of the second digital stream read by the reading unit to separate the elementary stream identified by the stream identifier shown by the second playlist information,

the synchronous playback by the playback unit is performed with reference to a time stamp attached to data included in the video stream and a time stamp attached to data included in the elementary stream separated from the second digital stream.

100. (New) A playback method by a playback apparatus for playback of a first digital stream and a second digital stream in synchronization by a computer having an optical disc mounted thereto and a secondary recording medium used in combination with-the optical disc, the playback method comprising the steps of:

generating a package area on the secondary recording medium in such a manner that the package area is specified by a file path containing disc identification information that identifies the mounted optical disc;

downloading, from a network server into the package area, as update kit used to upgrade the optical disc;

reading, and

playing back, wherein

the first digital stream is recorded in the optical disc with first playlist information,

the update kit includes the second digital stream and second playlist information,

the second playlist information (i) shows correspondence between a file containing the first digital stream on the optical disc and a file containing the second digital stream in the package area, and (ii) includes information defining a playback path comprising a playback section of the first digital stream and a playback section of the second digital stream,

the second playlist information is used, in place of the first playlist information, to generate a virtual package,

in the reading step, the first digital stream is read from the optical disc and the second digital stream is read from the package area both based on the second playlist information included in the update kit, and

in the playback step, with reference to a time stamp attached to data included in the first digital stream and a time stamp attached to data included in the second digital stream, the respective pieces of data are played back in synchronization.

101. (New) The playback method according to Claim 100, wherein

the upgrading of the optical disc is to perform file replacement and/or file addition to the file layout of the optical disc,

the file replacement is to replace a file included in the file layout with a corresponding file that is (i) contained in the package area and (ii) accessed by a same file name as that used to access the corresponding file included in the file layout, and

the file addition is to add, to the file layout of the optical disc, a file that is (i) contained in the package area and (ii) accessed by a file name different from any file name included in the file layout.